RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10 054,300

Source:

Date Processed by STIC: 2/3/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
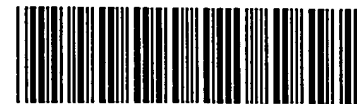http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

OIPE

RAW SEQUENCE LISTING   DATE: 02/03/2004
PATENT APPLICATION: US/10/054,300   TIME: 11:56:14

        Input Set : A:\01834cip.seq.txt
        Output Set: N:\CRF4\01292004\J054300.raw

     4 <110> APPLICANT: Imanishi, Takeshi
     5   Obika, Satoshi
     7 <120> TITLE OF INVENTION: Novel Bicyclonucleoside Analogues
     9 <130> FILE REFERENCE: 01834CIP/HG
    11 <140> CURRENT APPLICATION NUMBER: US 10/054,300
    12 <141> CURRENT FILING DATE: 2002-01-22
    14 <150> PRIOR APPLICATION NUMBER: JP HEI11-207170
    15 <151> PRIOR FILING DATE: 1999-07-22
E--> 17 <160> NUMBER OF SEQ ID NOS: ⑥ 9 - see page 3
    19 <170> SOFTWARE: PatentIn Ver.2.0

Does Not Comply
Corrected Diskette Needed
(Pg. 1-5)

ERRORED SEQUENCES

   148 <210> SEQ ID NO: 7
   149 <211> LENGTH: 10
   150 <212> TYPE: DNA
   151 <213> ORGANISM: Artificial Sequence
W--> 152 <220> FEATURE:
   153 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
   154   oligonucleotide for testing the formability of a
   155   triple strand
W--> 156 <220> FEATURE:
   157 <221> NAME/KEY: modified_base
   158 <222> LOCATION: (1)
   159 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
   160   4'-C-methylene-5-methyluridine
W--> 161 <220> FEATURE:
   162 <221> NAME/KEY: modified_base
   163 <222> LOCATION: (2)
   164 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
   165   4'-C-methylene-5-methyluridine
W--> 166 <220> FEATURE:
   167 <221> NAME/KEY: modified_base
   168 <222> LOCATION: (3)
   169 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
   170   4'-C-methylene-5-methyluridine
W--> 171 <220> FEATURE:
   172 <221> NAME/KEY: modified_base
   173 <222> LOCATION: (4)
   174 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
   175   4'-C-methylene-5-methyluridine
W--> 176 <220> FEATURE:

RAW SEQUENCE LISTING   DATE: 02/03/2004
PATENT APPLICATION: **US/10/054,300**   TIME: 11:56:14

Input Set : **A:\01834cip.seq.txt**
Output Set: **N:\CRF4\01292004\J054300.raw**

```
     177 <221> NAME/KEY: modified_base
     178 <222> LOCATION: (5)
     179 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     180       4'-C-methylene-5-methyluridine
W--> 181 <220> FEATURE:
     182 <221> NAME/KEY: modified_base
     183 <222> LOCATION: (6)
     184 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     185       4'-C-methylene-5-methyluridine
W--> 186 <220> FEATURE:
     187 <221> NAME/KEY: modified_base
     188 <222> LOCATION: (7)
     189 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     190       4'-C-methylene-5-methyluridine
W--> 191 <220> FEATURE:
     192 <221> NAME/KEY: modified_base
     193 <222> LOCATION: (8)
     194 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     195       4'-C-methylene-5-methyluridine
W--> 196 <220> FEATURE:
     197 <221> NAME/KEY: modified_base
     198 <222> LOCATION: (9)
     199 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     200       4'-C-methylene-5-methyluridine
W--> 201 <220> FEATURE:
     202 <221> NAME/KEY: modified_base
     203 <222> LOCATION: (10)
     204 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     205       4'-C-methylene-5-methyluridine
E--> 206 <400> SEQUENCE:    — please enter a response.
W--> 207 nnnnnnnnnn           10
     208 <210> SEQ ID NO: 8
     209 <211> LENGTH: 10
     210 <212> TYPE: DNA
     211 <213> ORGANISM: Artificial Sequence
W--> 212 <220> FEATURE:
     213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
     214       oligonucleotide for testing the formability of a
     215       triple strand
W--> 216 <220> FEATURE:
     217 <221> NAME/KEY: modified_base
     218 <222> LOCATION: (1)
     219 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     220       4'-C-methylene-5-methyluridine
W--> 221 <220> FEATURE:
     222 <221> NAME/KEY: modified_base
     223 <222> LOCATION: (3)
     224 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     225       4'-C-methylene-5-methyluridine
```

RAW SEQUENCE LISTING   DATE: 02/03/2004
PATENT APPLICATION: US/10/054,300   TIME: 11:56:14

        Input Set : A:\01834cip.seq.txt
        Output Set: N:\CRF4\01292004\J054300.raw

```
W--> 226 <220> FEATURE:
     227 <221> NAME/KEY: modified_base
     228 <222> LOCATION: (5)
     229 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     230       4'-C-methylene-5-methyluridine
W--> 231 <220> FEATURE:
     232 <221> NAME/KEY: modified_base
     233 <222> LOCATION: (7)
     234 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     235       4'-C-methylene-5-methyluridine
W--> 236 <220> FEATURE:
     237 <221> NAME/KEY: modified_base
     238 <222> LOCATION: (9)
     239 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     240       4'-C-methylene-5-methyluridine
E--> 241 <400> SEQUENCE:
W--> 242 ntntntntnt        10
     243 <210> SEQ ID NO: 9
     244 <211> LENGTH: 10
     245 <212> TYPE: DNA
     246 <213> ORGANISM: Artificial Sequence
W--> 247 <220> FEATURE:
     248 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
     249       oligonucleotide for testing the formability of a
     250       triple strand
W--> 251 <220> FEATURE:
     252 <221> NAME/KEY: modified_base
     253 <222> LOCATION: (2)
     254 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     255       4'-C-methylene-5-methyluridine
W--> 256 <220> FEATURE:
     257 <221> NAME/KEY: modified_base
     258 <222> LOCATION: (4)
     259 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     260       4'-C-methylene-5-methyluridine
W--> 261 <220> FEATURE:
     262 <221> NAME/KEY: modified_base
     263 <222> LOCATION: (6)
     264 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     265       4'-C-methylene-5-methyluridine
W--> 266 <220> FEATURE:
     267 <221> NAME/KEY: modified_base
     268 <222> LOCATION: (8)
     269 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
     270       4'-C-methylene-5-methyluridine
W--> 271 <220> FEATURE:
     272 <221> NAME/KEY: modified_base
     273 <222> LOCATION: (10)
     274 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
```

[handwritten annotation]: Please enter a Response. — Last sequence in submitted file.

RAW SEQUENCE LISTING   DATE: 02/03/2004
PATENT APPLICATION: **US/10/054,300**   TIME: 11:56:14

Input Set : **A:\01834cip.seq.txt**
Output Set: **N:\CRF4\01292004\J054300.raw**

```
    275        4'-C-methylene-5-methyluridine
E--> 276 (<400> SEQUENCE:) — Please enter a response
W--> 277 tntntntntn          10
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/054,300**

DATE: 02/03/2004
TIME: 11:56:15

Input Set : **A:\01834cip.seq.txt**
Output Set: **N:\CRF4\01292004\J054300.raw**

```
L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:123 M:283 W: Missing Blank Line separator, <220> field identifier
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:152 M:283 W: Missing Blank Line separator, <220> field identifier
L:156 M:283 W: Missing Blank Line separator, <220> field identifier
L:161 M:283 W: Missing Blank Line separator, <220> field identifier
L:166 M:283 W: Missing Blank Line separator, <220> field identifier
L:171 M:283 W: Missing Blank Line separator, <220> field identifier
L:176 M:283 W: Missing Blank Line separator, <220> field identifier
L:181 M:283 W: Missing Blank Line separator, <220> field identifier
L:186 M:283 W: Missing Blank Line separator, <220> field identifier
L:191 M:283 W: Missing Blank Line separator, <220> field identifier
L:196 M:283 W: Missing Blank Line separator, <220> field identifier
L:201 M:283 W: Missing Blank Line separator, <220> field identifier
L:206 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:7 differs:6
L:206 M:283 W: Missing Blank Line separator, <400> field identifier
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:0 after pos.:0
L:212 M:283 W: Missing Blank Line separator, <220> field identifier
L:216 M:283 W: Missing Blank Line separator, <220> field identifier
L:221 M:283 W: Missing Blank Line separator, <220> field identifier
L:226 M:283 W: Missing Blank Line separator, <220> field identifier
L:231 M:283 W: Missing Blank Line separator, <220> field identifier
L:236 M:283 W: Missing Blank Line separator, <220> field identifier
L:241 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:8 differs:6
L:241 M:283 W: Missing Blank Line separator, <400> field identifier
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:0 after pos.:0
L:247 M:283 W: Missing Blank Line separator, <220> field identifier
L:251 M:283 W: Missing Blank Line separator, <220> field identifier
L:256 M:283 W: Missing Blank Line separator, <220> field identifier
L:261 M:283 W: Missing Blank Line separator, <220> field identifier
L:266 M:283 W: Missing Blank Line separator, <220> field identifier
L:271 M:283 W: Missing Blank Line separator, <220> field identifier
L:276 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:9 differs:6
L:276 M:283 W: Missing Blank Line separator, <400> field identifier
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:0 after pos.:0
L:17 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (6) Counted (9)
```

Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa

Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa.